

Title (en)
FLOW CONTROLLER

Title (de)
DURCHFLUSSREGLER

Title (fr)
REGULATEURS DE DEBIT

Publication
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Application
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Priority
• US 9515157 W 19951120
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Abstract (en)
[origin: US5901741A] PCT No. PCT/US95/15157 Sec. 371 Date Oct. 2, 1997 Sec. 102(e) Date Oct. 2, 1997 PCT Filed Nov. 20, 1995 PCT Pub. No. WO96/21182 PCT Pub. Date Jul. 11, 1996A mass fluid flow controller has a valve which is controlled by a controller rod structure which is substantially pivotally mounted on a metallic diaphragm which stretches and unstretches with the movement of the rod structure. In the relationship between the controller rod structure and a ball which acts as a gate-member for the valve, an elongated stem rod having a sleeve about it may be used in fixing the ball to the controller rod structure. The stem rod may be mounted by fixing it to the elongated sleeve, a distance from the gate-member side of the controller rod structure that is substantially greater than the distance of the position of the ball from the gate-member side of the controller rod structure.

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G05D 7/06

IPC 8 full level
B23P 11/00 (2006.01); **G01F 1/684** (2006.01); **G01F 5/00** (2006.01); **G01F 15/00** (2006.01); **G05D 7/06** (2006.01)

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B23P 11/005 (2013.01 - EP US); **G01F 1/6842** (2013.01 - EP US); **G01F 1/6847** (2013.01 - EP US); **G01F 5/00** (2013.01 - EP US); **G01F 15/00** (2013.01 - EP US); **G01F 15/005** (2013.01 - EP US); **G05D 7/0635** (2013.01 - EP US); **Y10T 29/49423** (2015.01 - EP US); **Y10T 29/49426** (2015.01 - EP US); **Y10T 137/0898** (2015.04 - EP US); **Y10T 137/7759** (2015.04 - EP US); **Y10T 137/7761** (2015.04 - EP US); **Y10T 137/87338** (2015.04 - EP US); **Y10T 137/87354** (2015.04 - EP US)

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US 5901741 A 19990511; AU 4242396 A 19960724; CN 100334515 C 20070829; CN 1155864 C 20040630; CN 1175310 A 19980304; CN 1601420 A 20050330; DE 69517447 D1 20000713; DE 69517447 T2 20010111; DE 69526378 D1 20020516; DE 69526378 T2 20021114; DE 69535683 D1 20080221; DE 69535683 T2 20090108; EP 0800672 A2 19971015; EP 0800672 B1 20000607; EP 0940740 A2 19990908; EP 0940740 A3 20000712; EP 0940741 A2 19990908; EP 0940741 A3 20000712; EP 0940741 B1 20080109; EP 0940742 A2 19990908; EP 0940742 A3 20000712; EP 0940742 B1 20020410; ES 2148585 T3 20001016; JP 3717520 B2 20051116; JP H10512071 A 19981117; KR 100323958 B1 20020622; TW 285723 B 19960911; US 5660207 A 19970826; US 5765283 A 19980616; US 5850850 A 19981222; WO 9621182 A2 19960711; WO 9621182 A3 19960906

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US 86034397 A 19971002; AU 4242396 A 19951120; CN 200410038447 A 19951120; CN 95197568 A 19951120; DE 69517447 T 19951120; DE 69526378 T 19951120; DE 69535683 T 19951120; EP 95940785 A 19951120; EP 99108927 A 19951120; EP 99108928 A 19951120; EP 99108929 A 19951120; ES 95940785 T 19951120; JP 52098096 A 19951120; KR 19970704536 A 19970630; TW 84112299 A 19951120; US 36586194 A 19941229; US 68526096 A 19960723; US 68532296 A 19960723; US 9515157 W 19951120